CLAIMS

1. Method for the processing of data for the three-dimensional structure of a dental prosthesis (14), whereby said method features the following steps:
   a) input data are provided representing the three-dimensional surface of the stump (10) prepared for the prosthesis (14);
   b) minimum stability requirements are provided for the prosthesis (14);
   c) control data are generated from the input data, which show the control surface, and which meet the minimum stability requirements;
   d) data of the shape are created showing the three-dimensional shape of the prosthesis (14);
   e) the shape of the prosthesis (14) is shown together with the control surface.

2. Method according to one of the previous claims, whereby the method features the following steps:
   f) the shape data are modified;
   g) the actual shape of the prosthesis (14), which represents the modified shape data, is shown together with the control surface.

3. Method according to one of the previous claims, whereby the data of the shape in step d) are generated from the input data.

4. Method according to one of the previous claims, whereby the data of the shape are globally modified such that a given preparation edge (16) remains unchanged.

5. Method according to one of the previous claims, whereby the control surface precisely meets the minimum stability requirements.

6. Method according to one of the previous claims, being performed with the help of a computer program.

7. Data processing system for performing the method according to one of the previous claims, with:
- an input device for the data required for the method;
- a central processing unit connected to the input device, in which the program runs for processing the data according to the method;
- an output device connected to the central processing unit for the shape of the prosthesis (14) and the control surface.

8. Computer program that is designed such that it performs the method according to one of the previous claims.

9. Computer program that performs the method according to one of the previous claims when it is run on a computer.

10. Computer program featuring commands, which perform the method according to one of the previous claims.

11. Computer program, which implements the method according to one of the previous claims.

12. A data storage device, on which the computer program according to one of the previous claims, is stored.